

**Fig. 1** (PRIOR ART)

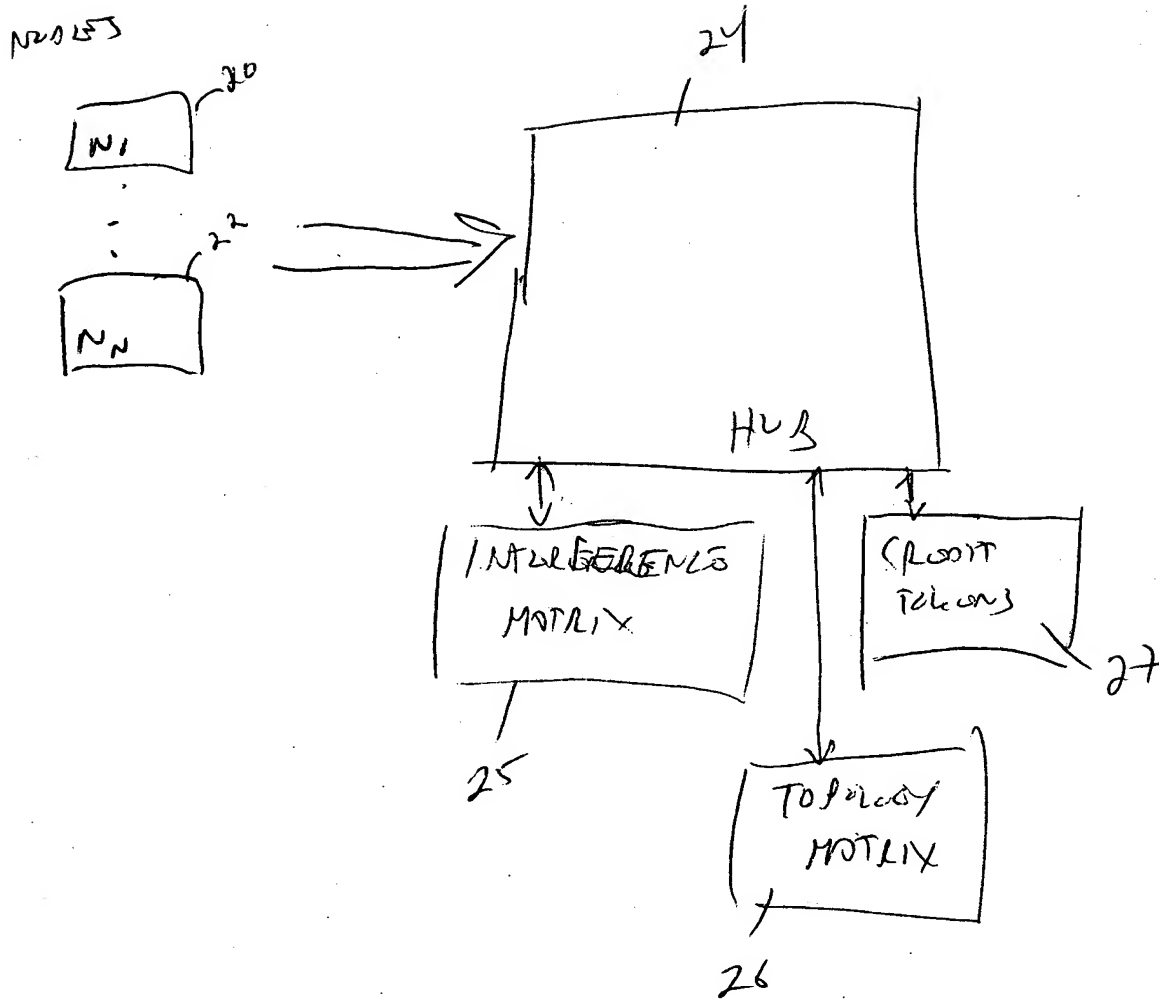


Fig. 2

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Sort credit request tokens in the descending order of the product of requested credits and degree of interference  $\alpha(l_{ij}, L)$ , where  $L$  is the set of links requesting for credits

Pick the first token having a largest product

Eliminate all other tokens

from this round that cannot be active due to this link's activity

Walk down the list and pick the next eligible token

Eliminate all other tokens from this round that cannot be active due to this link's activity

Continue this step until the list is exhausted

NO  
YES

The result is a set of links that can be active at the same time  $L_1 = \{l_1, l_2, \dots, l_n\}$

Adjust the requested credits for every element in  $L_1$ :  $\beta_{li} = \beta_{li} - \gamma_1$

Remove token(s) which have zero requested credits from the list of tokens

Adjust the degree of interference of affected links, due to the fact that some tokens have been removed

Fig 3

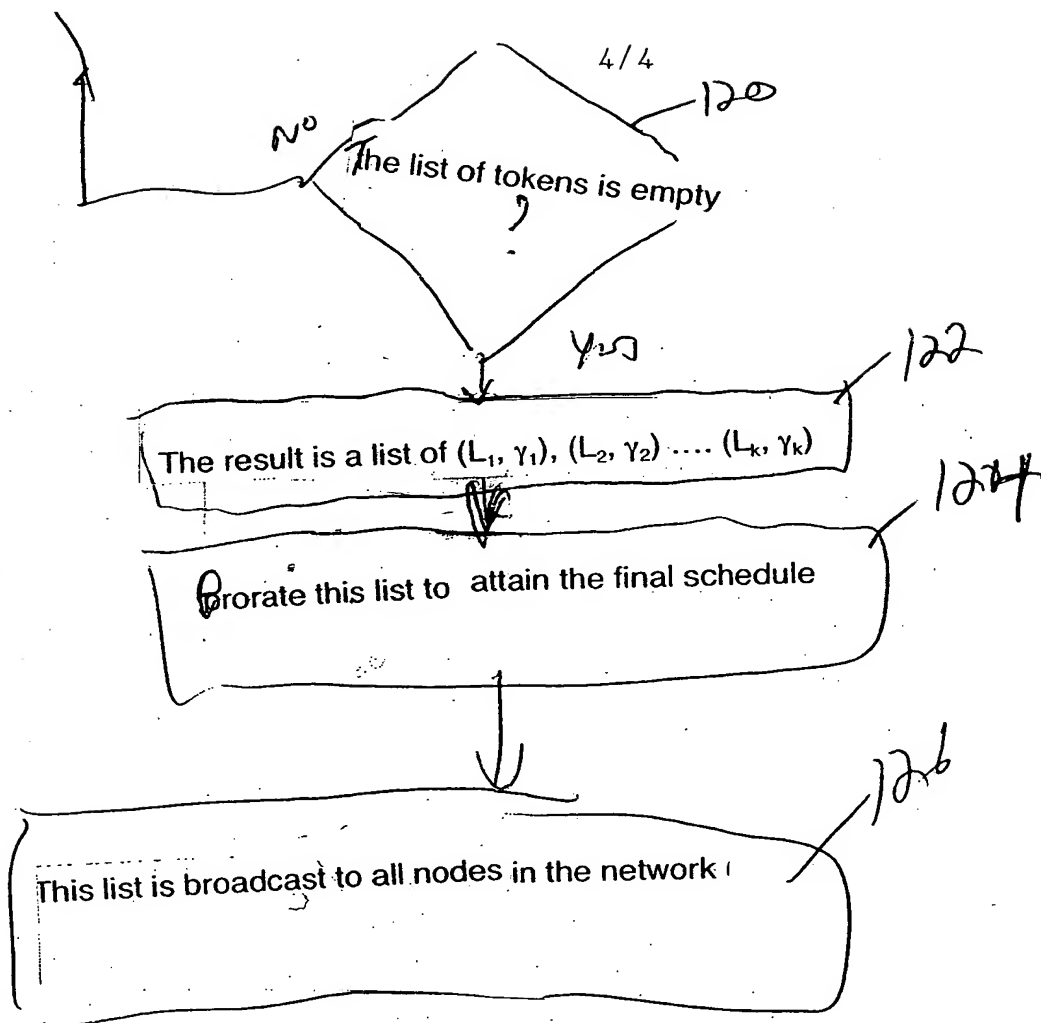


Fig 3. (CONTINUED)